JOURNAL OF ZOOLOGY

Volume 252 Author Index

Abe, A. S., see Souza, F. L. and Abe, A. S. 437
Alkon, P. U., see Suchentrunk, F., Alkon, P. U., Willing, R. and Yom-Tov, Y. 503
Andriamaro, L., see Stothard, J. R., Brémond, P., Andriamaro, L., Loxton, N. J., Sellin, B., Sellin, E. and Rollinson, D. 303
Arnold, E. N., see Harris, D. J. and Arnold, E. N. 351

Bateson, P. and Bradshaw, E. L., The effects of wound site and blood collection method on biochemical measures obtained from wild, free-ranging red deer (*Cervus elaphus*) shot by rifle 285
Bell, M. A., see Walker, J. A. and Bell, M. A. 293
Bennett, N. C., Molteno, A. J. and Spinks, A. C., Pituitary sensitivity to exogenous GnRH in giant Zambian mole-rats, *Cryptomys mechowi* (Rodentia: Bathyergidae): support for the 'socially induced infertility continuum' 447
Bennett, N. C., see Hazell, R. W. A., Bennett, N. C., Jarvis, J. U. M. and Griffin, M. 19
Binder, W. J. and Van Valkenburgh, B., Development of bite strength and feeding behaviour in juvenile spotted hyenas (*Crocuta crocuta*) 273
Birks, J. D. S., see Clode, D., Birks, J. D. S. and Macdonald, D. W. 53
Blair, T. A., Cree, A. and Skeaff, C. M., Plasma fatty acids, triacylglycerol and cholesterol of the tuatara (Sphenodon punctatus punctatus) from islands differing in the presence of rats and the abundance of seabirds 463
Bozinovic, F., see Ebensperger, L. A. and Bozinovic, F. 179
Bozinovic, F., see Veloso, C. and Bozinovic, F. 531
Bradshaw, C. J. A., Davis, L. S., Lalas, C. and Harcourt, R. G., Geographic and temporal variation in the condition of pups of the New Zealand fur *seal (Arctocephalus forsteri)*: evidence for density dependence and differences in the marine environment 41
Bradshaw, E. L., see Bateson, P. and Bradshaw, E. L. 285
Brady, L. D. and Griffiths, R. A., Developmental responses to pond desiccation in tadpoles of the British anuran amphibians (*Bufo bufo, B. calamita* and *Rana temporaria*) 61
Brémond, P., see Stothard, J. R., Brémond, P., Andriamaro, L., Loxton, N. J., Sellin, B., Sellin, E. and Rollinson, D. 303
Brinkhurst, R. O., see Rota, E. and Brinkhurst, R. O. 27
Bull, C. M., see Zuri, I. and Bull, C. M. 137

Cahill, A., see Preston-Mafham, K. G. and Cahill, A. 415
Calmaestra, R. G. and Moreno, E., Ecomorphological patterns related to migration: a comparative osteological study with passerines 495
Cavelier, J., see Lizcano, D. J. and Cavelier, J. 429
Chou, L.-S., see Wang, J. Y., Chou, L.-S. and White, B. N. 147
Clode, D., Birks, J. D. S. and Macdonald, D. W., The influence of risk and vulnerability on predator mobbing by terns (*Sterna* spp.) and gulls (*Larus* spp.) 53
Contreras, L. C., see Köhler, N., Gallardo, M. H., Contreras, L. C. and Torres-Mura, J. C. 243
Corrêa, H. K. M., Coutinho, P. E. G. and Ferrari, S. F., Between-year differences in the feeding ecology of highland marmosets (*Callithrix aurita* and *Callithrix flaviceps*) in south-eastern Brazil 421
Coutinho, P. E. G., see Corrêa, H. K. M., Coutinho, P. E. G. and Ferrari, S. F. 421
Cree, A., see Blair, T. A., Cree, A. and Skeaff, C. M. 463

Davis, L. S., see Bradshaw, C. J. A., Davis, L. S., Lalas, C. and Harcourt, R. G. 41

Ebensperger, L. A. and Bozinovic, F., Energetics and burrowing behaviour in the semifossorial degu *Octodon degus* (Rodentia: Octodontidae) 179
Elepfandt, A., see Fischer, W. J., Koch, W. A. and Elepfandt, A. 99
Elsey, R. M., see Lance, V. A., Elsey, R. M. and Lang, J. W. 71
Entwistle, A. C., Racey, P. A. and Speakman, J. R., Social and population structure of a gleaning bat, *Plecotus auritus* 11
Ermala, A., see Ruusila, V., Ermala, A. and Hyvärinen, H. 79

Ferrari, S. F., see Corrêa, H. K. M., Coutinho, P. E. G. and Ferrari, S. F. 421
Fischer, W. J., Koch, W. A. and Elepfandt, A., Sympatry and hybridization between the clawed frogs *Xenopus laevis laevis* and *Xenopus muelleri* (Pipidae) 99
Forsyth, D. M., Habitat selection and coexistence of the Alpine chamois (*Rupicapra rupicapra*) and Himalayan tahr (*Hemitragus jemlahicus*) in the eastern Southern Alps, New Zealand 215

Gallardo, M. H., see Köhler, N., Gallardo, M. H., Contreras, L. C. and Torres-Mura, J. C. 243
Geiser, F., see Holloway, J. C. and Geiser, F. 389
Geiser, F., see Maddocks, T. A. and Geiser, F. 327
Gille, U. and Salomon, F.-V., Brain growth in mallards, Pekin and Muscovy ducks (Anatidae) 399
Goodman, S. M., see Yoder, A. D., Irwin, J. A., Goodman, S. M. and Rakotoarisoa, S. V. 1
Griffin, M., see Hazell, R. W. A., Bennett, N. C., Jarvis, J. U. M. and Griffin, M. 19
Griffiths, R. A., see Brady, L. D. and Griffiths, R. A. 61
Guerrero, G. A., see Meijide, F. J. and Guerrero, G. A. 481

Haines-Young, R. H., see Trout, R. C., Langton, S., Smith, G. C. and Haines-Young, R. H. 227
Harcourt, R. G., see Bradshaw, C. J. A., Davis, L. S., Lalas, C. and Harcourt, R. G. 41
Harris, D. J. and Arnold, E. N., Elucidation of the relationships of spiny-footed lizards *Acanthodactylus* spp. (Reptilia: Lacertidae) using mitochondrial DNA

sequence, with comments on their biogeography and evolution 351
Harris, S., see McDonald, R. A., Webbon, C. and Harris, S. 363
Hayward, P. J., Lace corals (Bryozoa: Phidoloporidae) from Australia and the tropical south-west Pacific 109
Hazell, R. W. A., Bennett, N. C., Jarvis, J. U. M. and Griffin, M., Adult dispersal in the co-operatively breeding Damaraland mole-*rat (Cryptomys damarensis*): a case study from the Waterberg region of Namibia 19
Holloway, J. C. and Geiser, F., Development of thermoregulation in the sugar glider *Petaurus breviceps* (Marsupialia: Petauridae) 389
Hyvärinen, H., see Ruusila, V., Ermala, A. and Hyvärinen, H. 79

Irwin, J. A., see Yoder, A. D., Irwin, J. A., Goodman, S. M. and Rakotoarisoa, S. V. 1

Jarvis, J. U. M., see Hazell, R. W. A., Bennett, N. C., Jarvis, J. U. M. and Griffin, M. 19

Kantor, Y. I. and Taylor, J. D., Formation of marginal radular teeth in Conoidea (Neogastropoda) and the evolution of the hypodermic envenomation mechanism 251
Keogh, J. S., Scott, I. A. W. and Scanlon, J. D., Molecular phylogeny of viviparous Australian elapid snakes: affinities of *Echiopsis atriceps* (Storr, 1980) and *Drysdalia coronata* (Schlegel, 1837), with description of a new genus 317
Kitchener, A. C., see Weir, D. N., Kitchener, A. C. and McGowan, R. Y. 517
Koch, W. A., see Fischer, W. J., Koch, W. A. and Elepfandt, A. 99
Köhler, N., Gallardo, M. H., Contreras, L. C. and Torres-Mura, J. C., Allozymic variation and systematic relationships of the Octodontidae and allied taxa (Mammalia, Rodentia) 243

Lalas, C., see Bradshaw, C. J. A., Davis, L. S., Lalas, C. and Harcourt, R. G. 41
Lance, V. A., Elsey, R. M. and Lang, J. W., Sex ratios of American alligators (Crocodylidae): male or female biased? 71
Lang, J. W., see Lance, V. A., Elsey, R. M. and Lang, J. W. 71
Langton, S., see Trout, R. C., Langton, S., Smith, G. C. and Haines-Young, R. H. 227
Leys, R., Mate locating strategies of the green carpenter bees *Xylocopa* (*Lestis*) *aeratus* and *X.* (*L.*) *bombylans* 453
Lindzey, F., see Núñez, R., Miller, B. and Lindzey, F. 373
Lizcano, D. J. and Cavelier, J., Daily and seasonal activity of the mountain tapir (*Tapirus pinchaque*) in the Central Andes of Colombia 429
Lloyd, A. J., see Lurz, P. W. W. and Lloyd, A. J. 539
Loeschcke, V., see Pertoldi, C., Loeschcke, V., Madsen, A. B. and Randi, E. 544
Loxton, N. J., see Stothard, J. R., Brémond, P., Andriamaro, L., Loxton, N. J., Sellin, B., Sellin, E. and Rollinson, D. 303
Lucas, Z. and Stobo, W. T., Shark-inflicted mortality on a population of harbour seals (*Phoca vitulina*) at Sable Island, Nova Scotia 405
Lurz, P. W. W. and Lloyd, A. J., Body weights in grey and red squirrels: do seasonal weight increases occur in conifer woodland? 539

Macdonald, D. W., see Clode, D., Birks, J. D. S. and Macdonald, D. W. 53
Maddocks, T. A. and Geiser, F., Seasonal variations in thermal energetics of Australian silvereyes (*Zosterops lateralis*) 327
Madsen, A. B., see Pertoldi, C., Loeschcke, V., Madsen, A. B. and Randi, E. 544
Marques, A. C., Peña Cantero, A. L. and Vervoort, W., Mediterranean species of *Eudendrium* Ehrenberg, 1834 (Hydrozoa, Anthomedusae, Eudendriidae) with the description of a new species 197
Marshall, L. J., see Poulin, R., Marshall, L. J. and Spencer, H. G. 381
McDonald, R. A., Webbon, C. and Harris, S., The diet of stoats (*Mustela erminea*) and weasels (*Mustela nivalis*) in Great Britain 363
McGowan, R. Y., see Weir, D. N., Kitchener, A. C. and McGowan, R. Y. 517
Meijide, F. J. and Guerrero, G. A., Embryonic and larval development of a substrate-brooding cichlid *Cichlasoma dimerus* (Heckel, 1840) under laboratory conditions 481
Miller, B., see Núñez, R., Miller, B. and Lindzey, F. 373
Molteno, A. J., see Bennett, N. C., Molteno, A. J. and Spinks, A. C. 447
Moon, B. R., The mechanics and muscular control of constriction in gopher snakes (*Pituophis melanoleucus*) and a king snake (*Lampropeltis getula*) 83
Moreno, E., see Calmaestra, R. G. and Moreno, E. 495

Núñez, R., Miller, B. and Lindzey, F., Food habits of jaguars and pumas in Jalisco, Mexico 373

Parry, M., A description of the nuchal organ, a possible photoreceptor, in *Euprymna scolopes* and other cephalopods 163
Peña Cantero, A. L., see Marques, A. C., Peña Cantero, A. L. and Vervoort, W. 197
Pertoldi, C., Loeschcke, V., Madsen, A. B. and Randi, E., Allozyme variation in the Eurasian badger *Meles meles* in Denmark 544
Poulin, R., Marshall, L. J. and Spencer, H. G., Genetic variation and prevalence of blood parasites do not correlate among bird species 381
Preston-Mafham, K. G. and Cahill, A., Female-initiated copulations in two tetragnathid spiders from Indonesia: *Leucauge nigrovittata* and *Tylorida ventralis* 415

Racey, P. A., see Entwistle, A. C., Racey, P. A. and Speakman, J. R. 11
Rakotoarisoa, S. V., see Yoder, A. D., Irwin, J. A., Goodman, S. M. and Rakotoarisoa, S. V. 1
Randi, E., see Pertoldi, C., Loeschcke, V., Madsen, A. B. and Randi, E. 544
Rollinson, D., see Stothard, J. R., Brémond, P., Andriamaro, L., Loxton, N. J., Sellin, B., Sellin, E. and Rollinson, D. 303
Rota, E. and Brinkhurst, R. O., *Mesenchytraeus antaeus*, a new giant enchytraeid (Annelida, Clitellata) from the

temperate rainforest of British Columbia, Canada, with a revised diagnosis of the genus *Mesenchytraeus* 27
Ruusila, V., Ermala, A. and Hyvärinen, H., Costs of reproduction in introduced female Canadian beavers (*Castor canadensis*) 79
Rutowski, R. L., Variation of eye size in butterflies: inter- and intraspecific patterns 187
Ruxton, G. D., Statistical power analysis: application to an investigation of dinosaur thermal physiology 239

Salomon, F.-V., see Gille, U. and Salomon, F.-V. 399
Scanlon, J. D., see Keogh, J. S., Scott, I. A. W. and Scanlon, J. D. 317
Scott, I. A. W., see Keogh, J. S., Scott, I. A. W. and Scanlon, J. D. 317
Sellin, B., see Stothard, J. R., Brémond, P., Andriamaro, L., Loxton, N. J., Sellin, B., Sellin, E. and Rollinson, D. 303
Sellin, E., see Stothard, J. R., Brémond, P., Andriamaro, L., Loxton, N. J., Sellin, B., Sellin, E. and Rollinson, D. 303
Shimmin, G. A., Taggart, D. A. and Temple-Smith, P. D., Sperm competition and genetic diversity in the agile antechinus (Dasyuridae: *Antechinus agilis*) 343
Skeaff, C. M., see Blair, T. A., Cree, A. and Skeaff, C. M. 463
Smith, G. C., see Trout, R. C., Langton, S., Smith, G. C. and Haines-Young, R. H. 227
Somers, M. J., Foraging behaviour of Cape clawless otters (*Aonyx capensis*) in a marine habitat 473
Souza, F. L. and Abe, A. S., Feeding ecology, density and biomass of the freshwater turtle, *Phrynops geoffroanus*, inhabiting a polluted urban river in south-eastern Brazil 437
Speakman, J. R., see Entwistle, A. C., Racey, P. A. and Speakman, J. R. 11
Spencer, H. G., see Poulin, R., Marshall, L. J. and Spencer, H. G. 381
Spinks, A. C., see Bennett, N. C., Molteno, A. J. and Spinks, A. C. 447
Stobo, W. T., see Lucas, Z. and Stobo, W. T. 405
Stothard, J. R., Brémond, P., Andriamaro, L., Loxton, N. J., Sellin, B., Sellin, E. and Rollinson, D., Molecular characterization of the freshwater snail *Lymnaea natalensis* (Gastropoda: Lymnaeidae) on Madagascar with an observation of an unusual polymorphism in ribosomal small subunit genes 303
Suchentrunk, F., Alkon, P. U., Willing, R. and Yom-Tov, Y., Epigenetic dental variability of Israeli hares (*Lepus* sp.): ecogenetic or phylogenetic causation 503

Taggart, D. A., see Shimmin, G. A., Taggart, D. A. and Temple-Smith, P. D. 343
Taylor, J. D., see Kantor, Y. I. and Taylor, J. D. 251
Temple-Smith, P. D., see Shimmin, G. A., Taggart, D. A. and Temple-Smith, P. D. 343
Thiemann, G. W. and Wassersug, R. J., Biased distribution of trematode metacercariae in the nephric system of *Rana* tadpoles 534
Torres-Mura, J. C., see Köhler, N., Gallardo, M. H., Contreras, L. C. and Torres-Mura, J. C. 243
Trout, R. C., Langton, S., Smith, G. C. and Haines-Young, R. H., Factors affecting the abundance of rabbits (*Oryctolagus cuniculus*) in England and Wales 227

Van Valkenburgh, B., see Binder, W. J. and Van Valkenburgh, B. 273
Veloso, C. and Bozinovic, F., Interplay between acclimation time and diet quality on basal metabolic rate in females of degus *Octodon degus* (Rodentia: Octodontidae) 531
Vervoort, W., see Marques, A. C., Peña Cantero, A. L. and Vervoort, W. 197
Voight, J. R., A deep-sea octopus (*Graneledone* cf. *boreopacifica*) as a shell-crushing hydrothermal vent predator 335

Walker, J. A. and Bell, M. A., Net evolutionary trajectories of body shape evolution within a microgeographic radiation of threespine sticklebacks (*Gasterosteus aculeatus*) 293
Wang, J. Y., Chou, L.-S. and White, B. N., Osteological differences between two sympatric forms of bottlenose dolphins (genus *Tursiops*) in Chinese waters 147
Wassersug, R. J., see Thiemann, G. W. and Wassersug, R. J. 534
Webbon, C., see McDonald, R. A., Webbon, C. and Harris, S. 363
Weir, D. N., Kitchener, A. C. and McGowan, R. Y., Hybridization and changes in the distribution of Iceland gulls (*Larus glaucoides/kumlienilthayeri*) 517
Welander, J., Spatial and temporal dynamics of wild boar (*Sus scrofa*) rooting in a mosaic landscape 263
White, B. N., see Wang, J. Y., Chou, L.-S. and White, B. N. 147

Yoder, A. D., Irwin, J. A., Goodman, S. M. and Rakotoarisoa, S. V., Genetic tests of the taxonomic status of the ring-tailed lemur (*Lemur catta*) from the high mountain zone of the Andringitra Massif, Madagascar 1
Yom-Tov, Y., see Suchentrunk, F., Alkon, P. U., Willing, R. and Yom-Tov, Y. 503

Zuri, I. and Bull, C. M., Reduced access to olfactory cues and home-range maintenance in the sleepy lizard (*Tiliqua rugosa*) 137